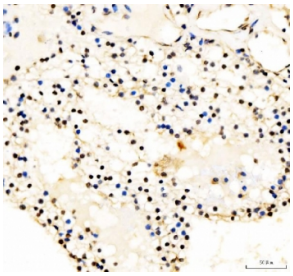
JUND Antibody (RQ4433)

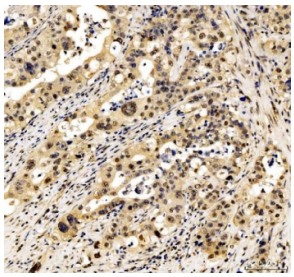
Catalog No.	Formulation	Size
RQ4433	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

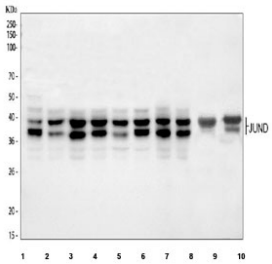
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P17535
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This JUND antibody is available for research use only.



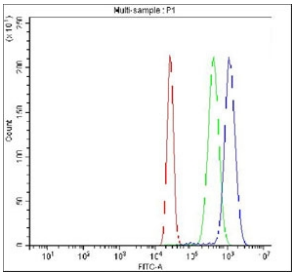
IHC staining of FFPE human renal cell carcinoma tissue with JUND antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human appendix adenocarcinoma tissue with JUND antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human HEL, 2) human HepG2, 3) human K562, 4) human MCF7, 5) human 293T, 6) human SH-SY5Y, 7) human U-2 OS, 8) human U-251, 9) rat lung and 10) mouse lung tissue lysate with JUND antibody. Predicted molecular weight: ~39 kDa (JUND-L), 34 kDa (JUND-S). (1)



Flow cytometry testing of fixed and permeabilized human K562 cells with JUND antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= JUND antibody.

Description

Transcription factor JunD is a protein that in humans is encoded by the JUND gene. The protein encoded by this intronless gene is a member of the JUN family, and a functional component of the AP1 transcription factor complex. This protein has been proposed to protect cells from p53-dependent senescence and apoptosis. Alternative translation initiation site usage results in the production of different isoforms.

Application Notes

Optimal dilution of the JUND antibody should be determined by the researcher.

1, The short form of the protein lacks the N-terminal 43 amino acids.

Immunogen

Amino acids TASLLREQVAQLKQKVLSHVNSGCQLLPQHQVPAY from the human protein were used as the immunogen for the JUND antibody.

Storage

After reconstitution, the JUND antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.